PCT





INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:

(11) International Publication Number:

WO 00/49156

C12N 15/54, 15/82, C12Q 1/68, C12N 9/10

A2 (43) International Publication Date: 24 August 2000 (24.08.00)

(21) International Application Number:

PCT/US00/04526

(22) International Filing Date:

22 February 2000 (22.02.00)

(30) Priority Data: 60/121,119

US 22 February 1999 (22.02.99)

(71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]: 1007 Market Street, Wilmington, DE 19898 (US).

- (75) Inventors/Applicants (for US only): CAHOON, Edgar, B. [US/US]; 2331 West 18th Street, Wilmington, DE 19806 (US). CAHOON, Rebecca, E. [US/US]; 2331 West 18th Street, Wilmington, DE 19806 (US). HITZ, William, D. (US/US); 404 Hillside Road, Wilmington, DE 19807 (US). KINNEY, Anthony, J. [GB/US]; 609 Lore Avenue, Wilmington, DE 19809 (US), RIPP, Kevin, G. [US/US]; 2310 West 18th Street, Wilmington, DE 19806 (US).
- (74) Agent: CHRISTENBURY, Lynne, M.: E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, IP. KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

Without international search report and to be republished upon receipt of that report.

Application Abstrac

(54) Title: LYSOPHOSPHATIDIC ACID ACETYLTRANSFERASES

(57) Abstract

An isolated nucleic acid fragment encoding an LPAAT isozyme is disclosed. Construction of a chimeric gene encoding all or a portion of the LPAAT isozyme, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the LPAAT isozyme in a transformed host cell is also disclosed.